

**Fig. 1**

FIG. 2

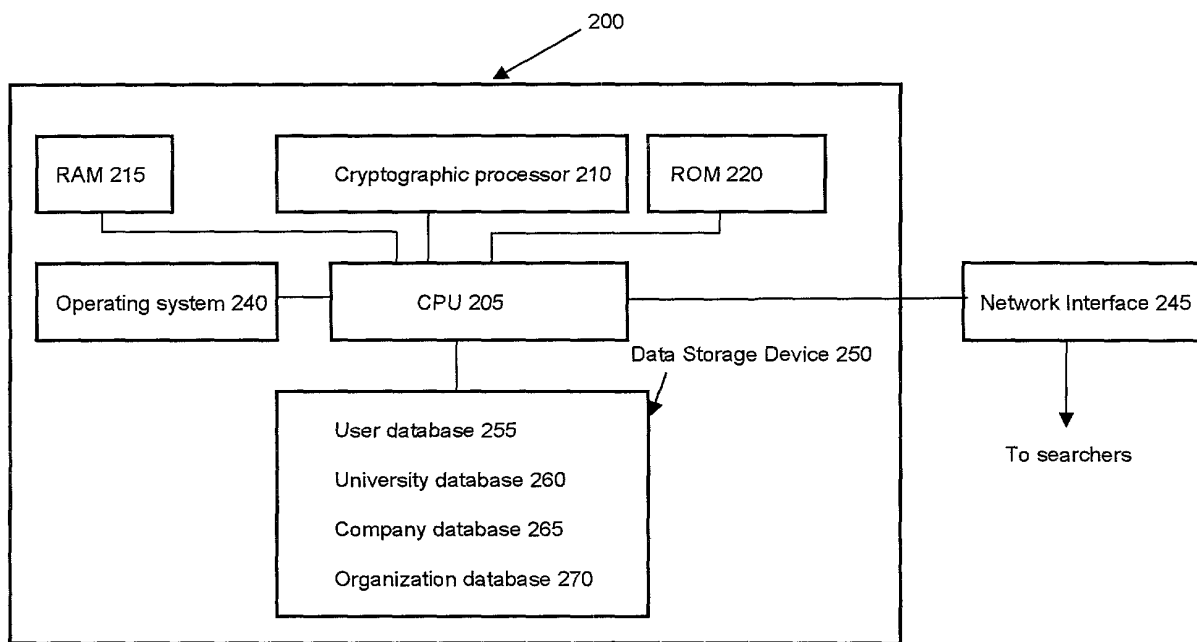


Fig. 2

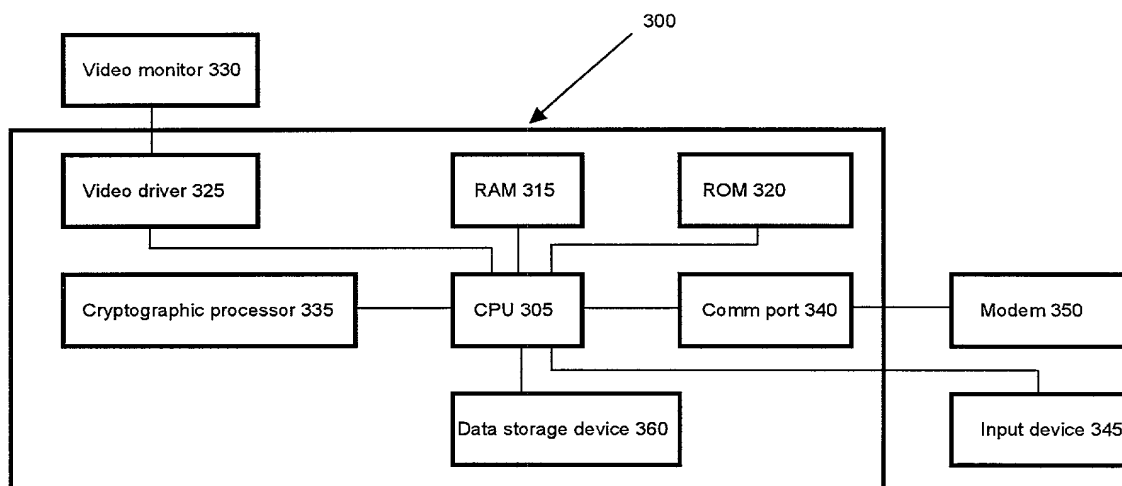


Fig. 3

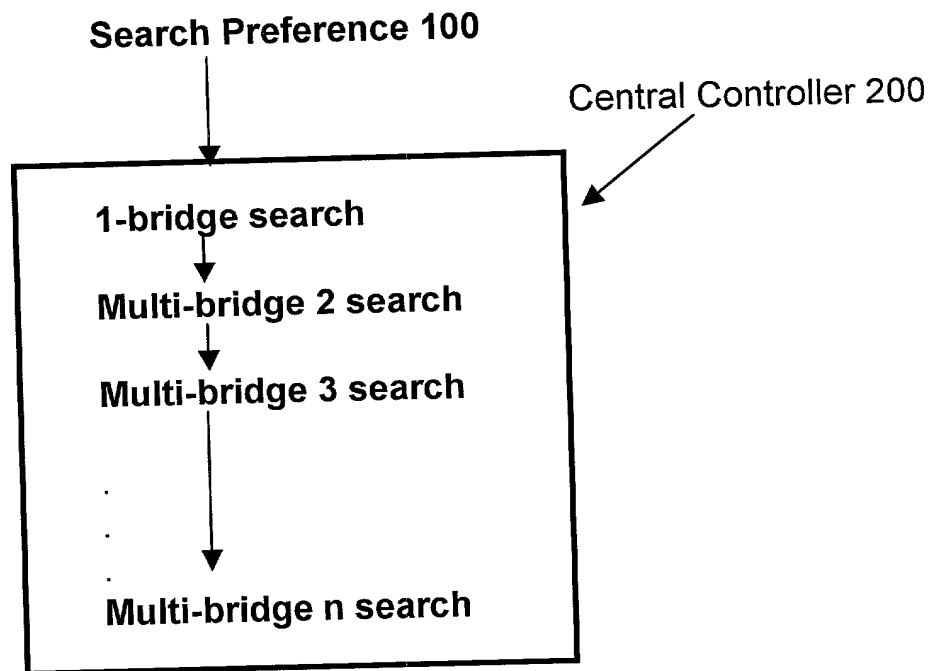


Fig. 4a

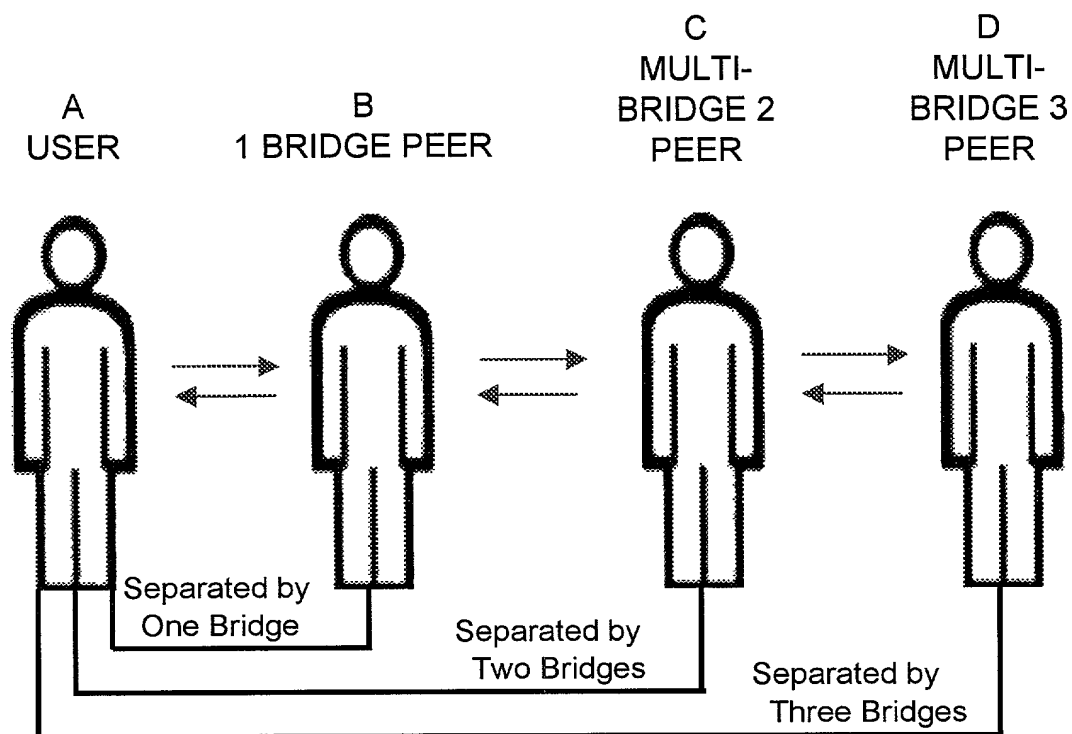
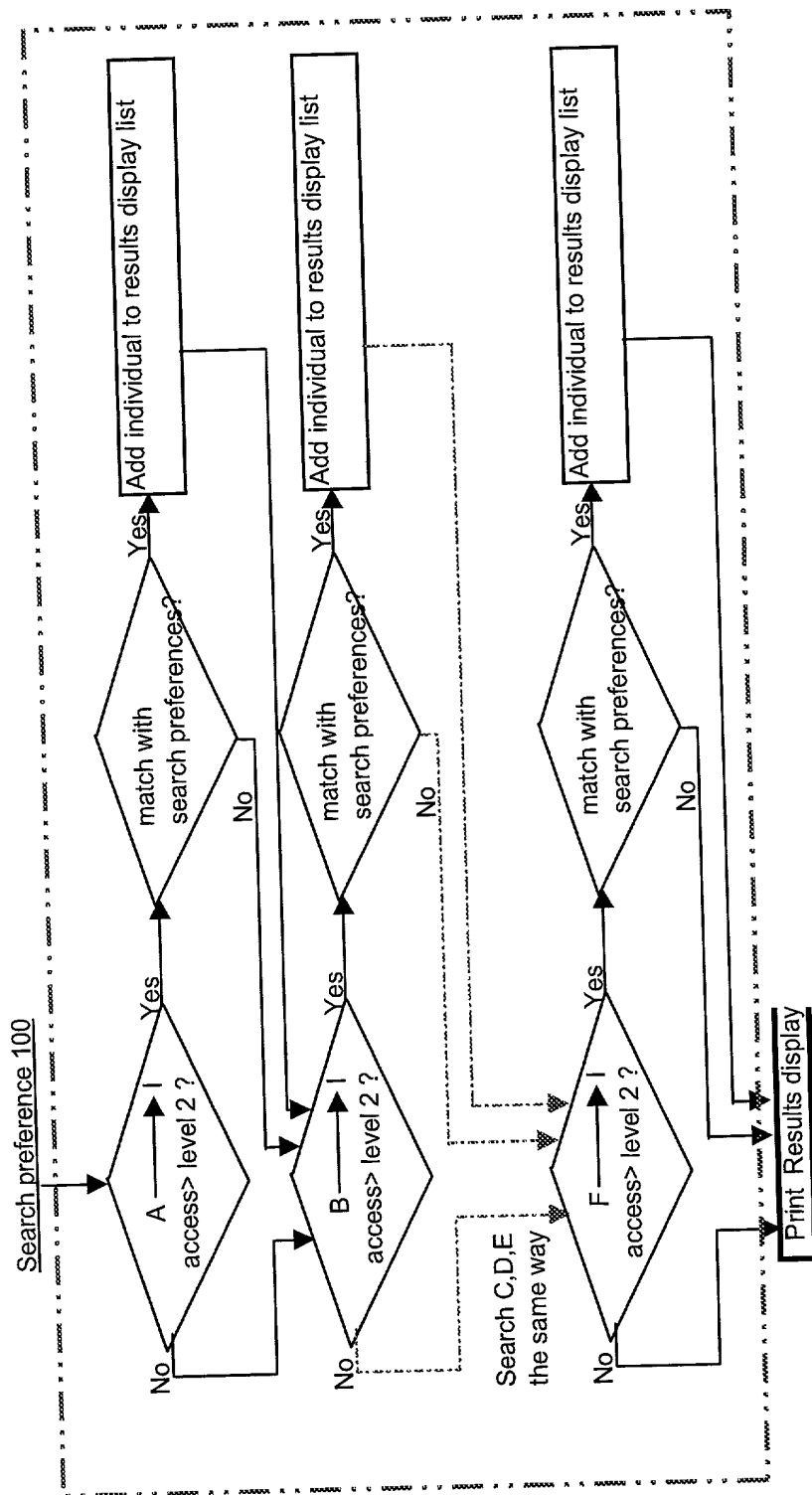
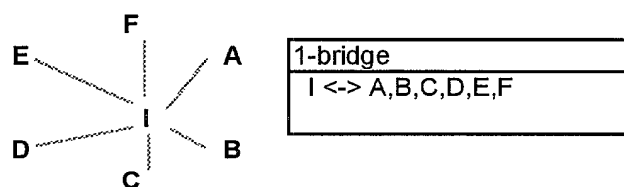


Fig. 4b



Sequence X: I's contacts search within 1-bridge network. Required for multi-bridge Figures 6,7,8

Fig. 5a



**Fig. 5b**

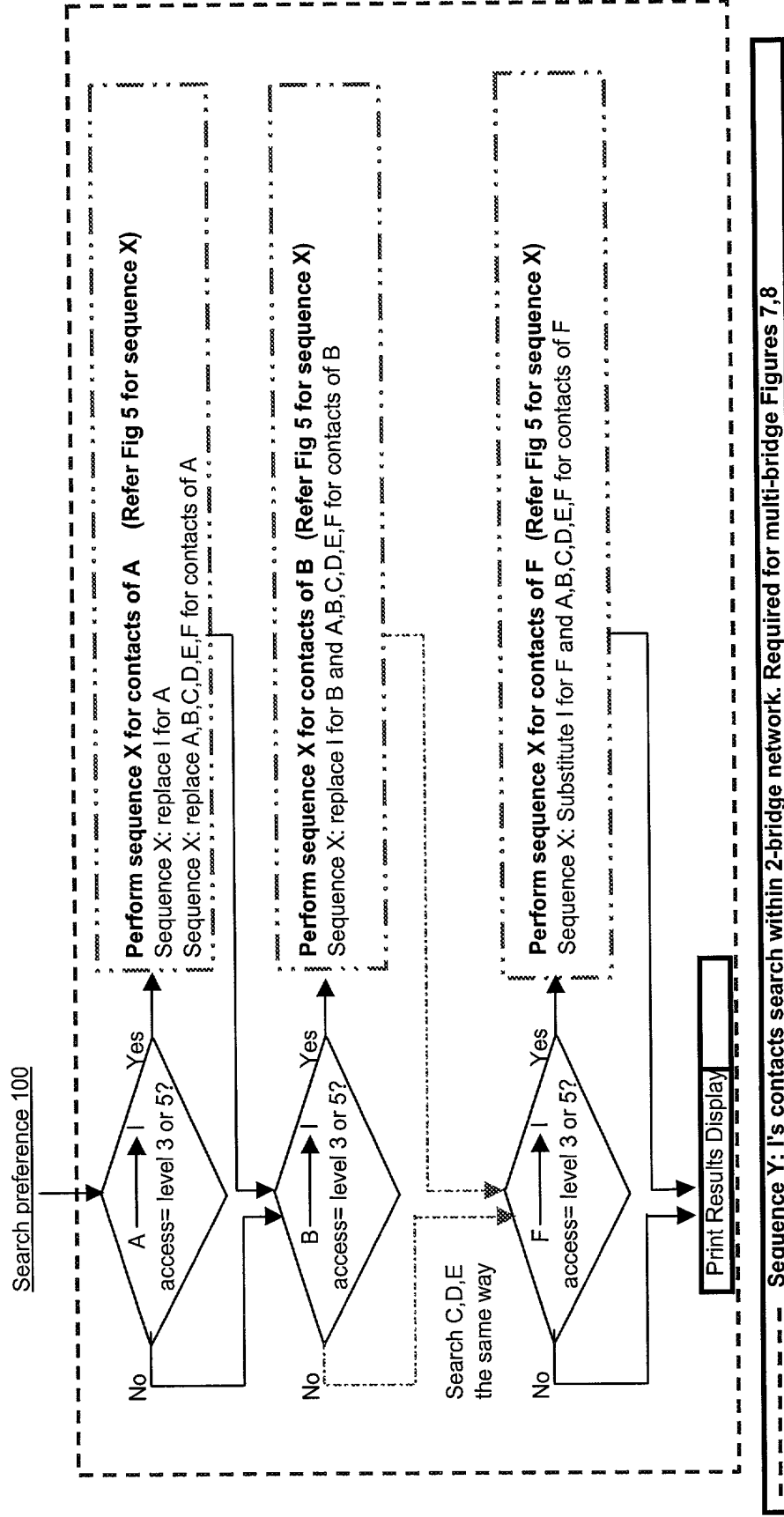
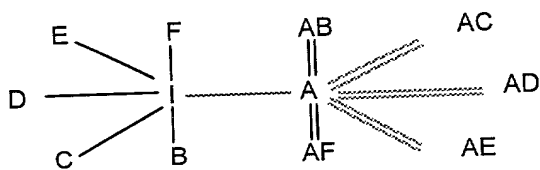


Fig. 6a





1-bridge	$\leftrightarrow$ A,B,C,D,E,F
Multi-bridge 2	$\leftrightarrow$ AB,AC,AD,AE,AF

Fig. 6b

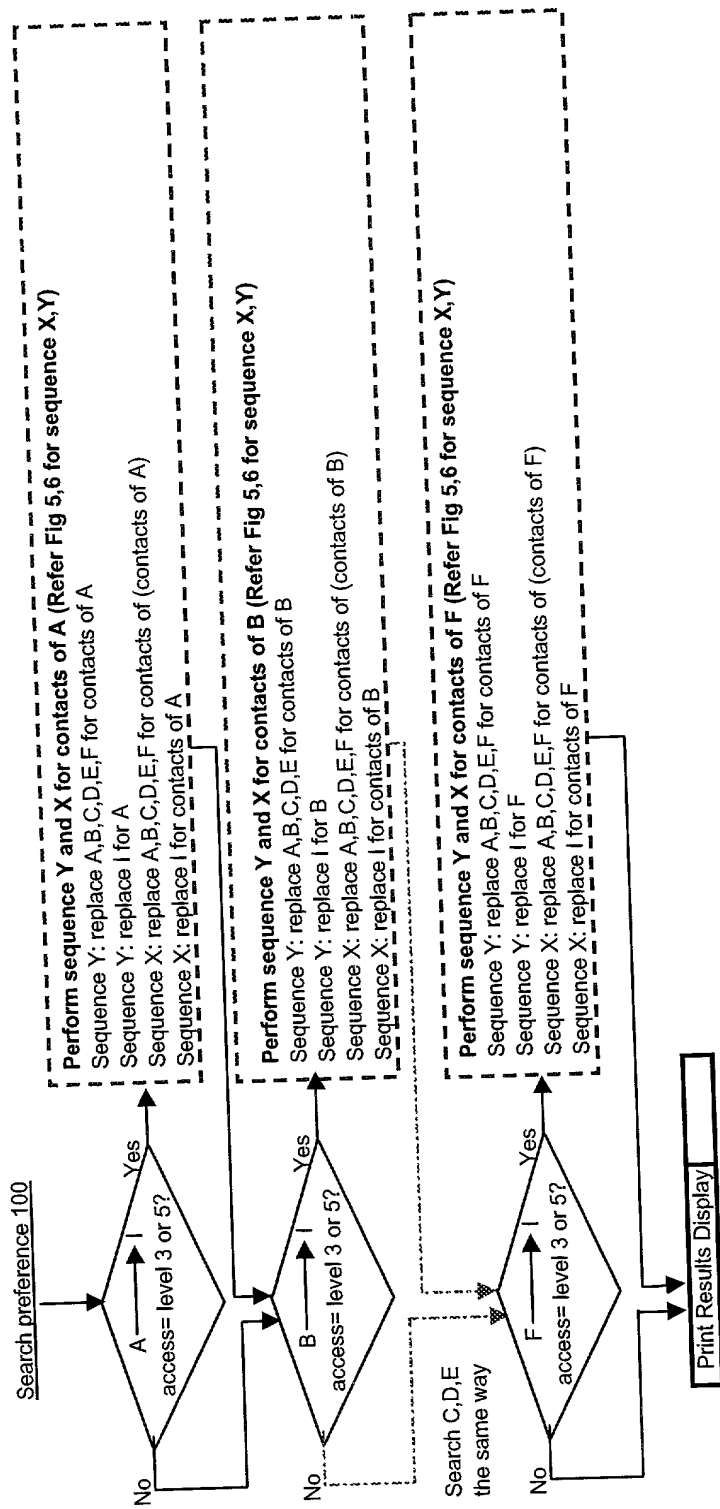
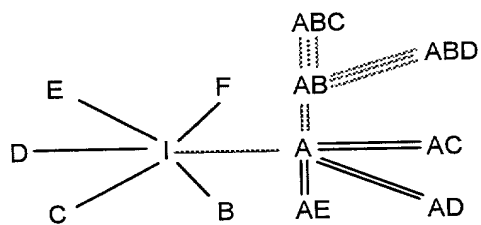
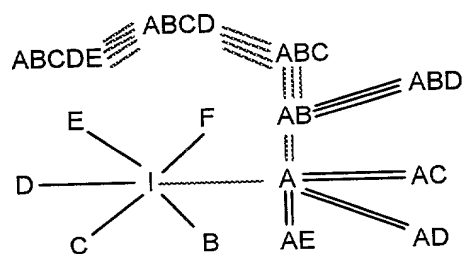


Fig. 7a



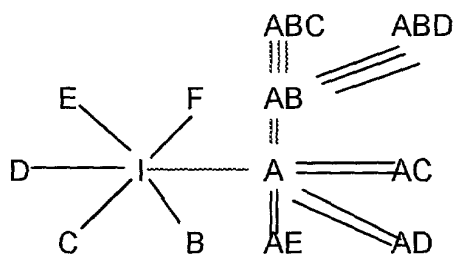
1-bridge	<-> A,B,C,D,E,F
Multi-bridge 2	<-> AB,AC,AD,AE
Multi-bridge 3	<-> ABC,ABD

**Fig. 7b**



1-bridge	I <-> A,B,C,D,E,F
multi-bridge 2	I <-> AB,AC,AD,AE
multi-bridge 3	I <-> ABC, ABD
multi-bridge 4	I <-> ABCD
multi-bridge 5	I <-> ABCDE

**Fig. 8**



### Display to I

1 match found within 3 bridges (in this example)

Industry	City	Name	Alphanumeric code
E-commerce	London	A	
		?	abc2
		?	abc3

**Fig. 9**